



BEST AVAILABLE COPY

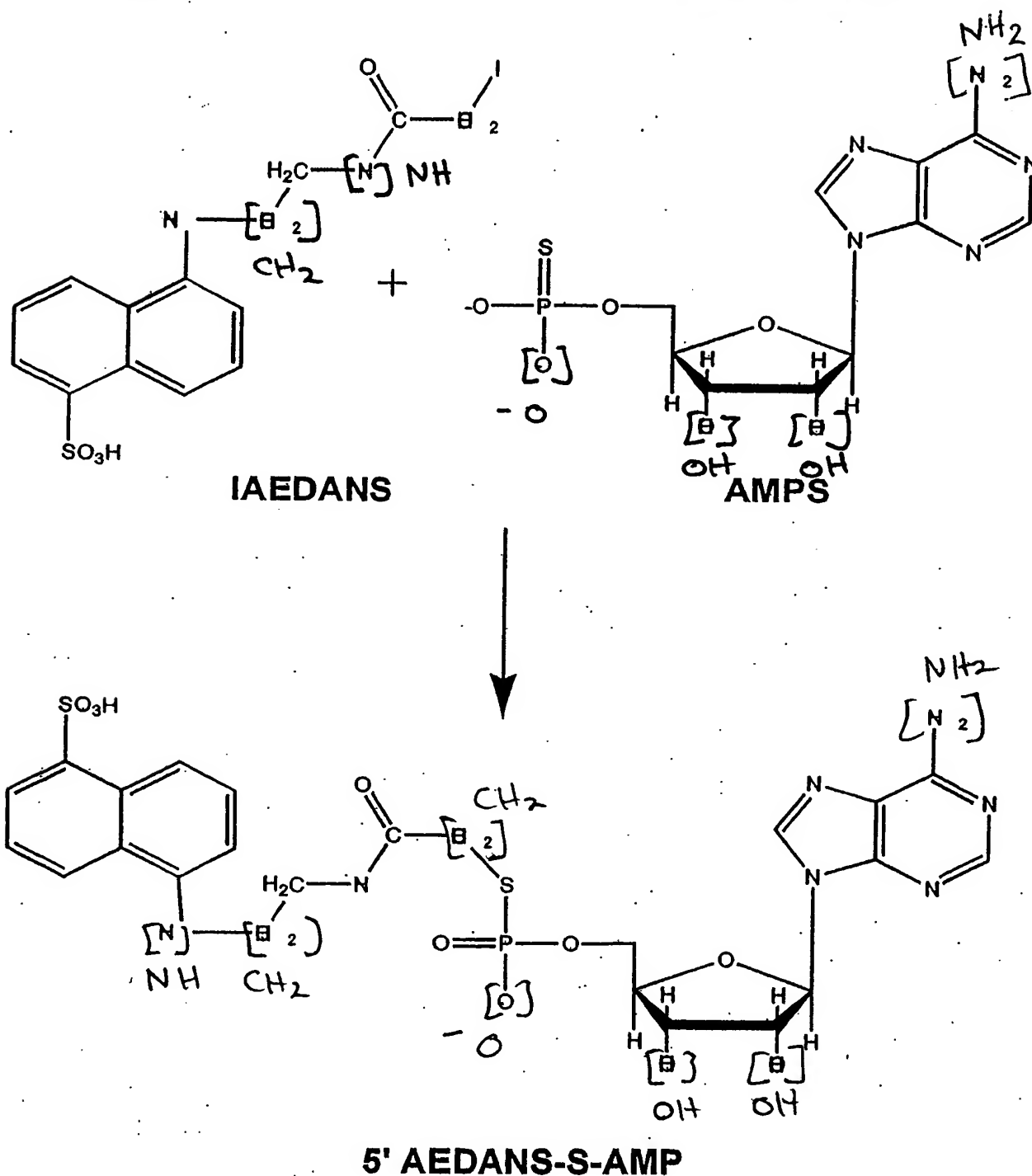


FIGURE 3

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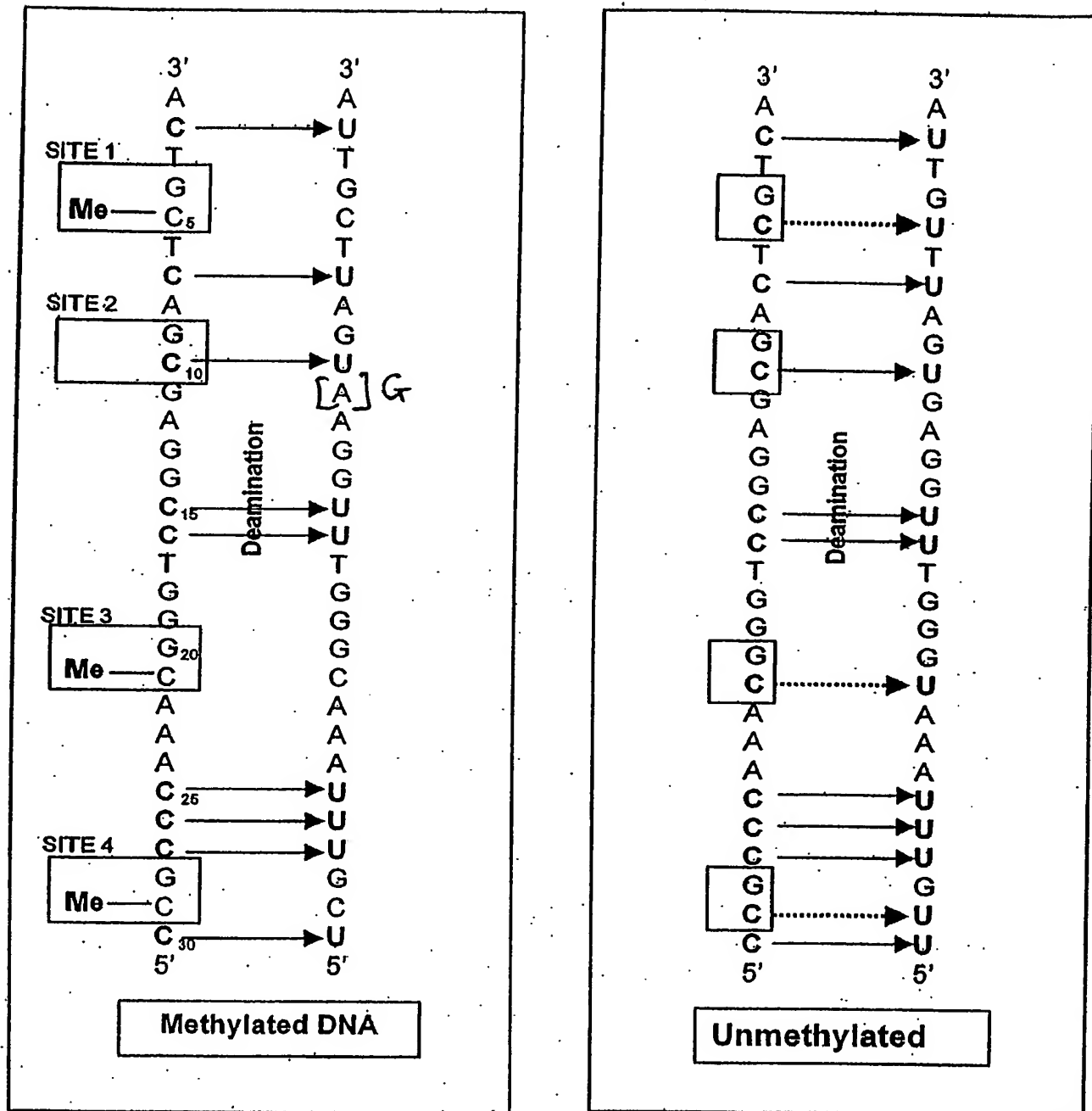


FIGURE 13

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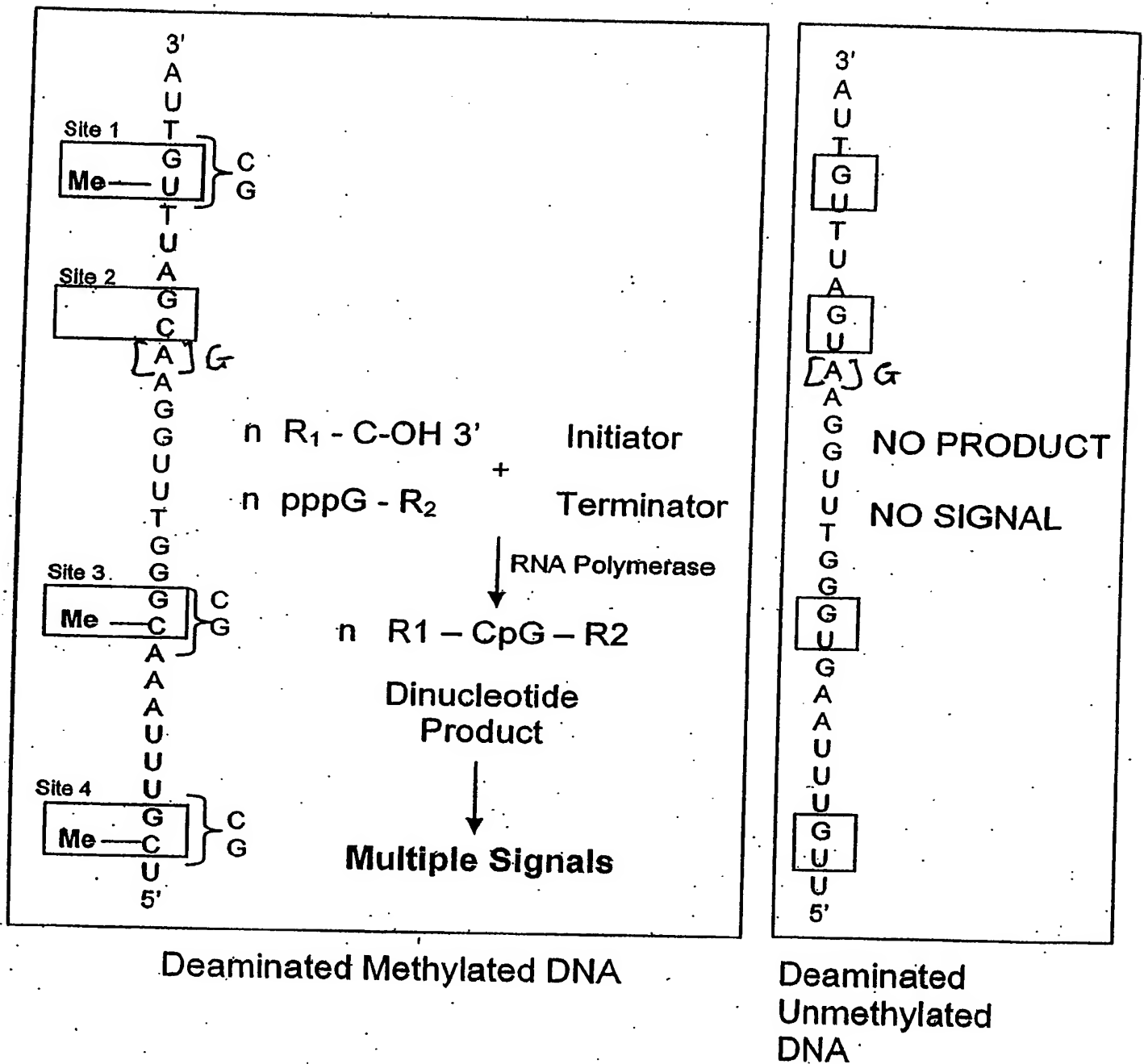
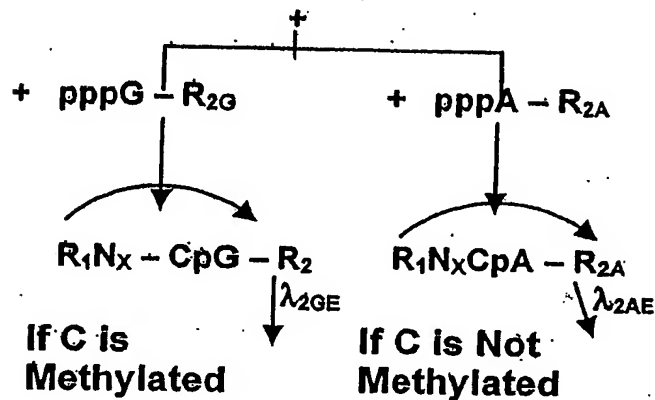


FIGURE 14

$$5' \quad R_1 - N_X - pC - OH$$


$M = 1$ If both copies are 100% methylated: Only λ_{2GE} detected
 $M = 0.5$ If 1 copy is methylated: Both λ_{2GE} and λ_{2AE} detected
 $M = 0$ If both copies unmethylated: only λ_{2AE} detected

$$M = \text{Methylation Index} = \frac{E_{\lambda_{2GE}}}{E_{\lambda_{2GE}} + E_{\lambda_{2GA}}}$$

FIGURE 15

Figure [30]
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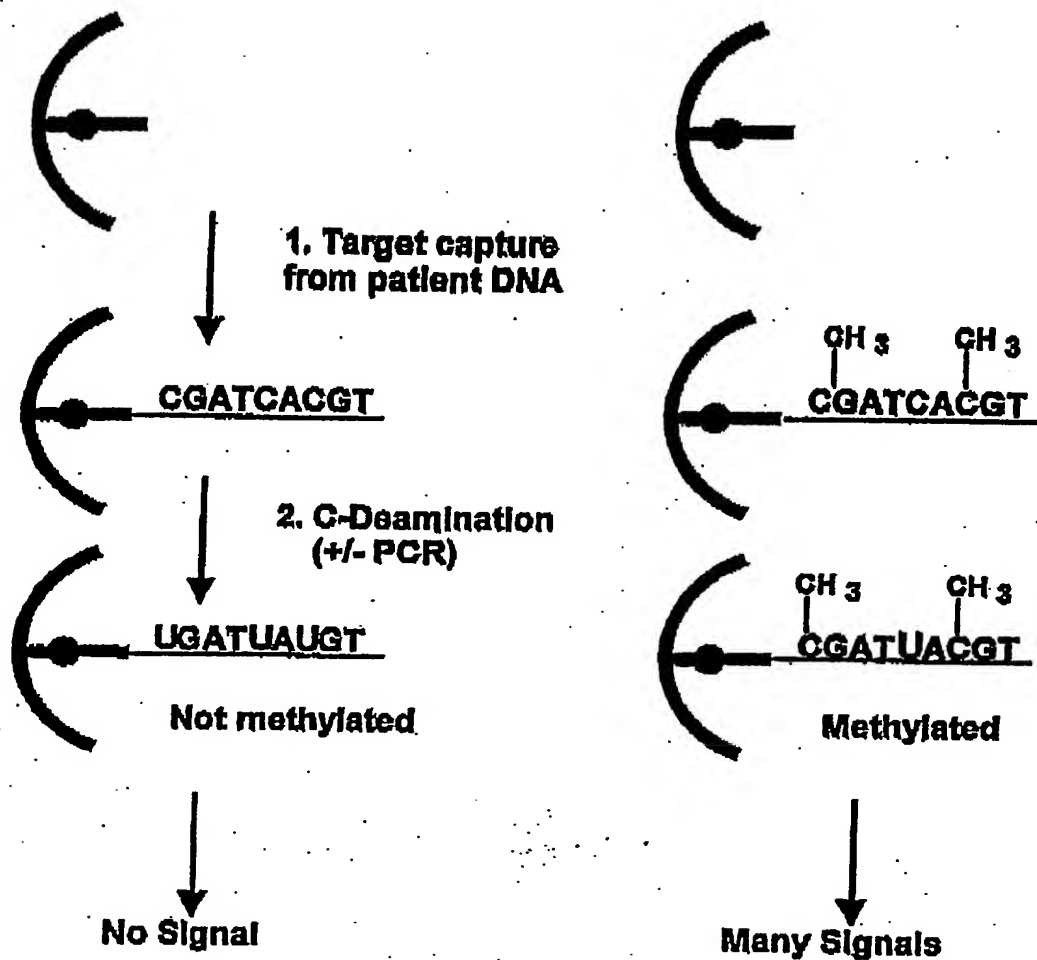


FIGURE [31]
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